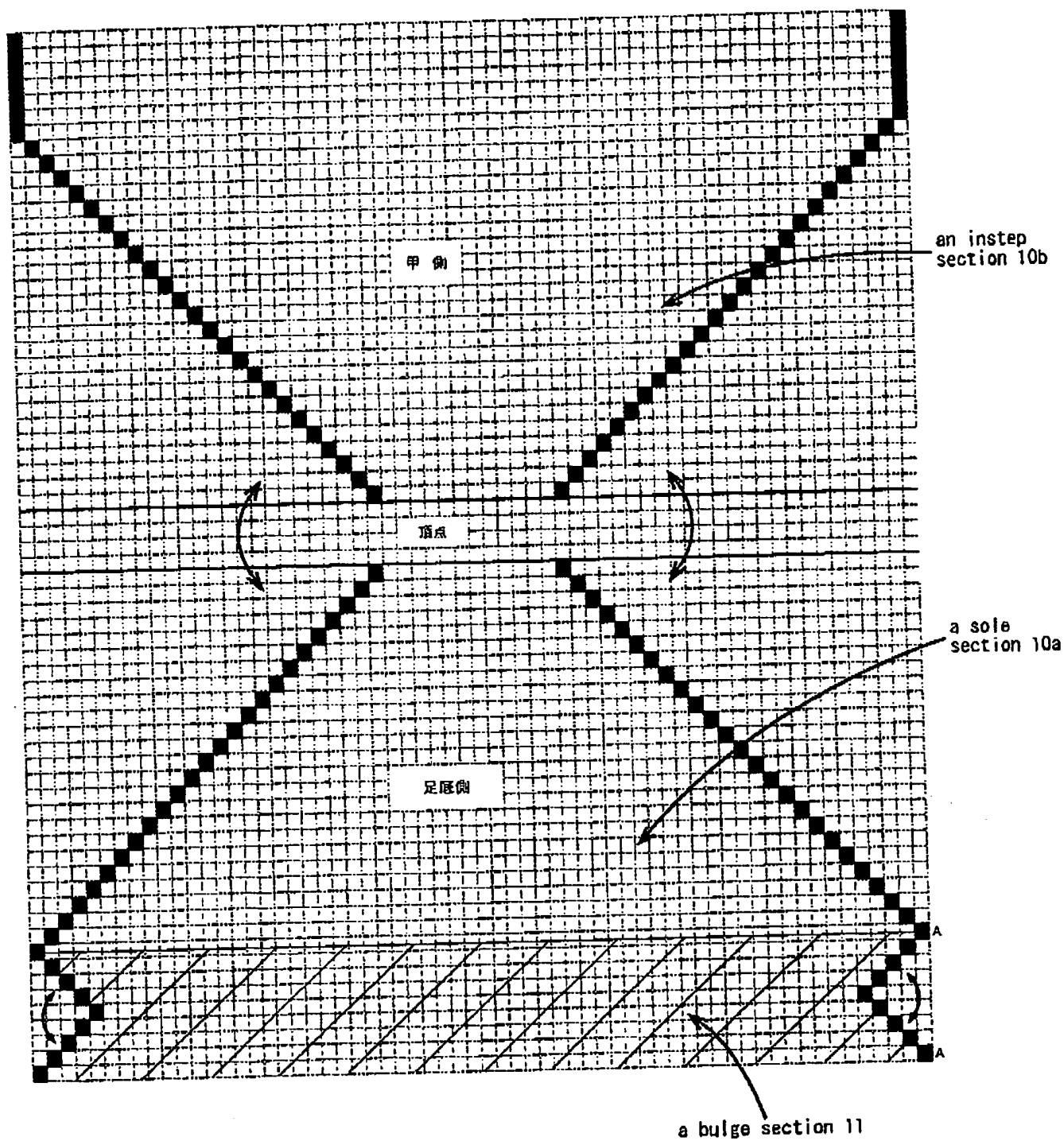


Reference documents 1



Reference documents 2

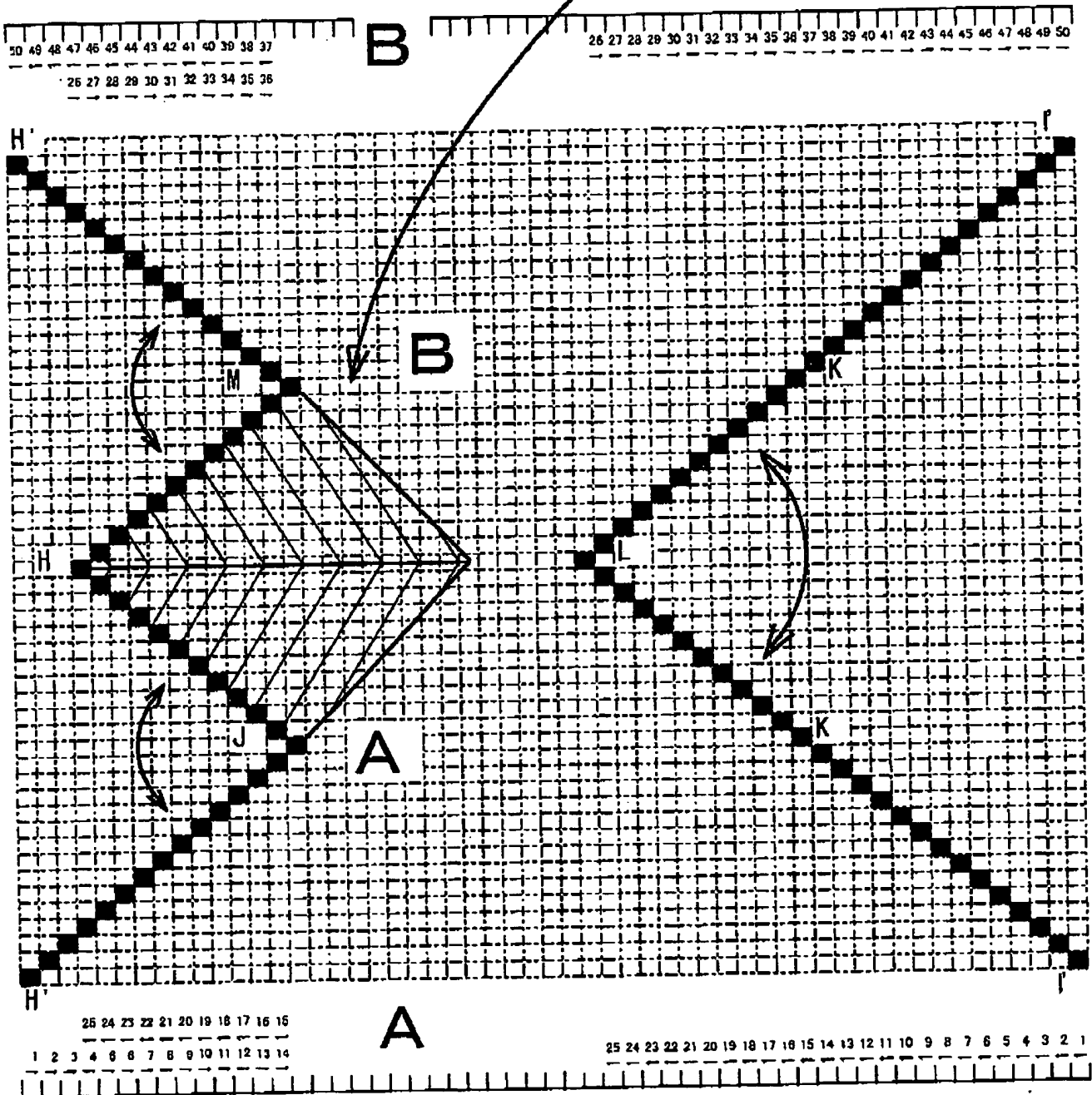


Reference documents 3



eference documents 4

additional section 20a, 20b



The thumb side

*The method which repeats operation which a needle advances plural number and returns plural number.
 In order to make it shift to the thumb side, the needle by the side of the thumb is made to go back and forth.
 If the number which makes needle go back and forth is made to fluctuate, the quantity of the thickness of the up-and-down direction will fluctuate.

little finger side

*A needle always advances once at a time. (conventional method)

Reference documents 5



Reference documents 6



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